

# Comparisons of Job Characteristics

**Focus Occupation:** [Petroleum Pump System Operators, Refinery Operators, and Gaugers \(51-8093\)](#)

**Associated Occupation:** [Wellhead Pumpers \(53-7073\)](#)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

## Knowledge

Similarity of Focus Occupation to Associated Occupation: 89

**Focus Occupation:** Petroleum Pump System Operators, Refinery Operators, and Gaugers (51-8093)

**Associated Occupation:** Wellhead Pumpers (53-7073)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Mechanical	6.8	15.0	13.1	<	Expanded education and/or training may be required
Production and Processing	6.0	10.3	6.5	<<	Extensive education and/or training may be required
Physics	4.3	8.6	4.6	<<	Extensive education and/or training may be required
Chemistry	4.8	7.4	6.5	<	Expanded education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Skills

Similarity of Focus Occupation to Associated Occupation: 77

**Focus Occupation:** Petroleum Pump System Operators, Refinery Operators, and Gaugers (51-8093)

**Associated Occupation:** Wellhead Pumpers (53-7073)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Operation Monitoring	6.6	13.7	15.9	>	Skill level is likely sufficient
Operation and Control	5.4	12.2	11.6	0	Current skill level may be sufficient
Repairing	3.4	10.6	7.1	<<	Extensive development of skills in this area may be required
Equipment Maintenance	3.5	9.7	7.9	<	A higher skill level may be required
Troubleshooting	4.5	7.5	8.2	0	Current skill level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 62			
Focus Occupation: Petroleum Pump System Operators, Refinery Operators, and Gaugers (51-8093) Associated Occupation: Wellhead Pumpers (53-7073)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Control Precision	6.6	11.9	9.8	<	Some improvement in abilities may be required
Multilimb Coordination	6.0	10.8	7.9	<<	Extensive improvement in abilities may be required
Reaction Time	4.8	10.5	11.0	0	Current ability level may be sufficient
Static Strength	5.0	8.2	6.6	<	Some improvement in abilities may be required
Gross Body Equilibrium	3.2	8.1	7.2	<	Some improvement in abilities may be required
Gross Body Coordination	3.9	6.4	6.2	0	Current ability level may be sufficient
Dynamic Strength	3.5	6.2	4.7	<	Some improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 97
Focus Occupation: Petroleum Pump System Operators, Refinery Operators, and Gaugers (51-8093) Associated Occupation: Wellhead Pumpers (53-7073)		
Work Activities	Exclusivity of Activity	
Control operation of compressors	76	
Maintain production or work records	19	
Operate gas, petroleum, or power distribution equipment	85	
Operate petroleum pumping equipment	92	
Operate power driven pumps	66	
Use two-way radio or mobile phone	42	

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common	Similarity of Focus Occupation to Associated Occupation: n/a
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**Focus Occupation: Petroleum Pump System Operators, Refinery Operators, and Gaugers (51-8093)**  
**Associated Occupation: Wellhead Pumpers (53-7073)**

Tools and Technologies	Exclusivity
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Tools and technology data is unavailable for one or both occupations.	
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Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.